

12/29/00

USPTO
S. PTOUTILITY
PATENT APPLICATION
TRANSMITTAL

Only for new nonprovisional applications under 37 C.F.R. 1.53(b)

Attorney Docket No.	NTL-3.2.145/3518 (12810R0U501U)
First Inventor	Shiquan Wu et al.
Title	SYNCHRONIZATION IN A MULTIPLE-INPUT/MULTIPLE-OUTPUT (MIMO) ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) SYSTEM FOR WIRELESS APPLICATIONS
Express Mail Label No.	EL4012166579US

APPLICATION ELEMENTS

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

See MPEP chapter 600 concerning utility patent application contents.

1. [X] *Fee Transmittal Form (e.g., PTO/SB/17)
(submit an original, and a duplicate for fee processing)2. [X] Specification Total Pages [32]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. [X] Drawing(s) (35 U.S.C. 113) Total Pages [5]

4. Oath or Declaration Total Pages [1]

- a. [X] New unexecuted (original or copy)
- b. [] Copy from a prior application (37 CFR 1.63(d)
(for continuation/divisional with box 16 completed)
- i. [] DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR §§ 1.63(d)(2) and 1.33(b).

5 [] Microfiche Computer Program (Appendix)

6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. [] Computer Readable Copy
- b. [] Paper Copy (identical to computer copy)
- c. [] Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. [] Assignment Papers (cover sheet & document(s))

8. [] 37 C.F.R. §3.73(b) Statement [] Power of Attorney
(when there is an assignee)

9. [] Joint Translation Document (if applicable)

10. [] Information Disclosure [] Copies of IDS Citations
Statement (IDS)/PTO-1449

11. [] Preliminary Amendment

12. [X] Return Receipt Postcard (MPEP 503)
(should be specifically itemized)13. [] *Small Entity [] Statement filed in prior application
Statement(s) (PTO/SB/09-12) Status still proper and
desired14. [] Certified Copy of Priority Document(s)
(if foreign priority is claimed)

15. [] Other:

*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY
SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED
(37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS
RELIED UPON (37 C.F.R. § 1.26).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

[] Continuation [] Divisional [] Continuation-in-part (CIP) of prior application No. ____ / ____

Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS. Only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered to be part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

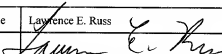
[] Customer Number or Bar Code Label : 26784 : or [X] Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	COBRIN & GITES				
Address	750 Lexington Avenue, 21 floor				
City	New York	State	New York	Zip Code	10022
Country	U.S.A.	Telephone	(212) 486-4000	Fax	(212) 486-4007
Name (Print/Type)	Lawrence E. Russ		Registration No. (Attorney/Agent)	35,342	
Signature	<i>Lawrence E. Russ</i>		Date	December 29, 2000	

**FEE TRANSMITTAL
for FY 2000**

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Complete if Known

TOTAL AMOUNT OF PAYMENT				(\$1042.00)				Application Number		To be assigned	
				Filing Date		Concurrently Herewith		First Named Inventor		Shiquan Wu et al.	
				Group Art Unit		to be assigned		Examiner		to be assigned	
				Attorney Docket No.		NTL-3.2.145/3518 (12810ROUS01U)					
METHOD OF PAYMENT (check one)								FEE CALCULATION (continued)			
<input type="checkbox"/> [x] The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number: 03-2317 Deposit Account Name: COBRIN & GITTES <input type="checkbox"/> [x] Charge any additional fee required under 37 CFR 1.16 and 1.17								3. ADDITIONAL FEES			
								Large Entity		Small Entity	
Code		(\$)		Code		(\$)		Code		Fee Paid	
105		130		205		65		Surcharge - Late filing fee or oath			
127		50		227		25		Surcharge - late provisional filing fee or cover sheet			
139		130		139		130		Non-English specification			
147		2,520		147		2,520		Request for Reexamination			
112		920*		112		920*		Req. publication of SIR prior to Examiner action			
113		1,840		113		1,840		Requesting publication of SIR after Examiner action			
115		110		215		55		Extension within first month			
116		390		216		195		Extension within second month			
117		890		217		445		Extension within third month			
118		1,390		218		695		Extension within fourth month			
128		1,890		228		945		Extension within fifth month			
119		310		219		155		Notice of Appeal			
120		310		220		155		Brief in support of an appeal			
121		270		221		135		Request for oral hearing			
138		1,510		138		1,510		Petition to institute a public use proceeding			
140		110		240		55		Petition to revive - unavoidable			
141		1,210		241		605		Petition to revive - unintentional			
142		1,240		241		620		Utility issue fee (or revision)			
143		440		243		220		Design issue fee			
144		600		244		300		Plant issue fee			
122		130		122		130		Petitions to the Commissioner			
123		50		123		50		Petitions related to provisional applications			
126		240		126		240		Submit Info. Disclosure Stmt.			
581		40		581		40		Patent Assignment per property			
146		710		246		355		Filing a submission after final rejection (37 CFR 1.120a))			
149		710		249		355		For each additional invention to be examined (37 CFR 1.120b))			
SUBTOTAL (1)		\$710.00									
SUBTOTAL (2)		(\$332.00)									
Other fee (specify):											
*Reduced by Basic filing fee Paid											
SUBMITTED BY		Lawrence E. Russ									
Typed or Printed Name		Lawrence E. Russ									
Signature											
Registration Number		35,342									
Date		December 29, 2000									
SUBTOTAL (3)		0									

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commissioner for Patents, Washington, DC 20231.

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